

# Castle Bromwich Rural District Council.

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MEDICAL OFFICER OF HEALTH'S OFFICE,

14, TEMPLE STREET, BIRMINGHAM,

January 27th, 1910.

MR. CHAIRMAN AND GENTLEMEN,

1.—I beg to hand you my Report on the health of the District for 1909.

2.—The District consists of the following parishes and hamlets :—Castle Bromwich, Water Orton, Curdworth, Minworth, and Wishaw.

## AREA.

3.—The area of the whole District is 7,724 acres, made up as follows :—Castle Bromwich, 2,701 ; Water Orton, 623 ; Curdworth, 1,620 ; Minworth, 1,550 ; and Wishaw, 1,230.

## POPULATION.

4.—The population of the District has shown but little change of late years, though that little change has been in the way of increase. The Surveyor informs me that he has made a house-to-house inspection of a considerable portion of the District, and has discovered, therefore, to a large extent the number of inhabited houses. With this aid, and with my local knowledge, I am of opinion that the increase on the year has been about 50, of which 40 has taken place at Castle Bromwich, and 10 at Water Orton. This would give us a population for the year of 3,050.

5.—I estimate the population of the constituent parishes to be as follows :—Castle Bromwich, 1,010 ; Water Orton, 720 ; Curdworth, 450 ; Minworth, 700 ; and Wishaw, 170.

## BIRTHS.

6.—The number of births registered during the year was 62, namely, 29 males and 33 females. This number is slightly lower than in the two previous years, and on the increased population gives us a birth-rate of 20.3. This is 2 per 1,000 lower than in the previous year, and considerably below the average of the previous ten years.

7.—In the various sub-divisions the birth-rate was as follows :—Castle Bromwich, 19.8 ; Water Orton, 25.0 ; Curdworth, 17.7 ; Minworth, 18.5 ; Wishaw, 17.6.

8.—I find that one birth was illegitimate, and this was in the hamlet of Minworth.

#### DEATHS.

9.—The number of deaths registered has been 35, namely, 34 in the District, and 1 in the Workhouse Infirmary. Six deaths, however, occurred in persons not belonging to the District, while no deaths were known to have occurred of residents outside the District, except the one previously noticed at the Workhouse.

10.—The correct number, therefore, to be debited to the District is 29, of which only 8 were males, and 21 females. This is an extraordinary and accidental occurrence, which is, however, worthy of note.

11.—This figure gives us a rate of 9.51 per 1,000, a rate which is a record one, with the exception of that for 1907, when it was as low as 8.28, and compares very favourably with the average for the past ten years, which was 10.91.

12.—The death-rates of the various sub-divisions were as follows :—Castle Bromwich, 7.61 ; Water Orton, 8.33 ; Curdworth, 4.44 ; Minworth, 14.28 ; Wishaw, 11.76.

13.—The only remark which it is perhaps desirable to make, is that the death-rate for the hamlet of Minworth is high, which was due to 2 deaths from measles, and 2 from enteritis, all these occurring in infants under one year of age.

#### INFANT MORTALITY.

14.—This is one of the unsatisfactory features of the Report. The number of infant deaths registered has been 9, a larger number than for several years. Calculated on the registered births we get a rate of 145 per 1,000, compared with 119 the previous year, and an average of only 89 per 1,000 births in the ten previous years. Two of the deaths occurred in children under one month, from premature birth and enteritis respectively. The other causes of death were enteritis, 2 ; tubercular meningitis, 1 ; other tubercular diseases, 1 ; pneumonia, 1 ; other causes, 2.

15.—It would appear as possible that improper feeding was the chief factor in the increased infant mortality.

#### ZYMOTIC DISEASES.

16.—The number of cases of these diseases notified has been only 8, compared with 21 and 20 in the two previous years, while the death rate was 1.96.

17.—The cases notified were as follows:—Scarlet fever, 3; erysipelas, 2; diphtheria, 1; enteritis, 1; and puerperal fever, 1. It is satisfactory to be able to report that not one of these cases proved fatal.

18.—I am very pleased to be able again to call attention to the marked diminution of diphtheria. Only 1 case was notified, compared with 5 and 11 in the two previous years.

19.—The case of Typhoid Fever occurred at Castle Bromwich, and was somewhat peculiar, in that there was an undoubted association with the handling of filth, the man having been employed in emptying manure from trucks on the Railway. In addition to that the water was supplied from a surface well, which was found on analysis to be polluted. It is worthy of remark that this water was used from choice, though a pure supply of Welsh water from the Birmingham Corporation mains was available at the house. Since the case occurred, this well has been closed.

20.—As regards non-notifiable diseases, Measles apparently was prevalent, no less than 6 deaths being due to it, 5 of these being in children under 5 years of age. This outbreak was entirely connected with one school. In consequence of this widespread epidemic, the school at Castle Bromwich was closed, from February 8th to March 14th.

21.—In addition to Measles, Mumps was prevalent at Water Orton, and Schools were closed in this part of the district for three weeks in June. Measures were taken to cleanse and disinfect the schools before re-opening.

22.—Two deaths were registered as due to Consumption, one of these, however, was in a visitor to the district. The other occurred in Minworth, in a young child.

23.—Under the new Order of the Local Government Board relating to cases of Phthisis in poor persons, 1 case was notified and kept under observation. Advice was given, and a leaflet issued explaining what should be done to prevent the spread of the disease.

#### WATER SUPPLY.

24.—Great attention has, as in the past, been given to the Water Supply of the District. The public supply has been analysed each quarter, and in one case where the water was not palatable owing to its colour, it was found that this was due to the main having been disturbed by being flushed out.

25.—Five samples of well water have been analysed, all at Castle Bromwich, which were all found to be so polluted as to be unfit for use. In the case of two of these,



the wells were closed, Birmingham water being laid on. In the case of the other three, proceedings have been taken for the extension of the mains, and it is hoped that this will be accomplished shortly after the end of the year.

26.—The fifteen new houses completed during the year have all been supplied with tap-water.

#### NEW BUILDINGS.

27.—Sixteen plans have been submitted to the Surveyor, of which one, however, was disapproved. These included plans for 4 new houses, 8 additions to existing houses, and a Church at Minworth. There was also a plan submitted for a new slaughter-house, the others being for temporary buildings. I personally examined the site for the proposed slaughter-house, and finding it not suitable, recommended to the Committee that the plan should not be approved.

#### SEWERAGE, DRAINAGE, AND REMOVAL OF REFUSE.

28.—No new sewers have been laid during the year.

29.—Flushing has been efficiently carried on and no stoppage such as has been notified in past years, has occurred, and no specific complaint of nuisance from sewers has been received.

#### SCAVENGING.

30.—It is with great pleasure that I report that the scavenging of Water Orton has been satisfactorily conducted. A new contract has been entered into on practically the same lines as the previous one, and although the removal hardly takes place as frequently as I should like, there is a marked improvement on what was the condition observed previous to the collection being carried on as a routine matter.

31.—As regards Castle Bromwich, I have very much pleasure in stating that the recommendation I made in my last Annual Report has been adopted. First of all the Inspector made a detailed inspection of every house in the parish, and as a result, presented a valuable Report to the Council, showing the work to be done and its estimated cost. As a result, a fortnightly system of scavenging was adopted in September, the cost of which will be equivalent to a  $1\frac{1}{2}$ d. Rate on the parish.

#### SYSTEMATIC INSPECTION.

32.—This inspection which is a most important part of the Sanitary work, has been continued during the year. The Inspector chiefly devoted his attention to the district of Castle Bromwich. It will be observed on reference to his table attached to this

Report, that a large number of inspections and observations have been made, and nuisances abated. Altogether he has made 235 visits to houses in this sub-division, and as a result, found a good many nuisances, particularly due to non-collection of house refuse, which state of affairs will now be remedied by the systematic removal of domestic refuse.

#### COWSHEDS AND DAIRIES.

33.—The Inspector has devoted more attention than in the past to the cowsheds and dairies of the District. Altogether he made 72 inspections and found no less than 30 nuisances, which he was able to get abated.

34.—Though matters as regards the production of milk and butter are better than they were a few years ago, it would be idle to pretend that at the present time as a result of greater attention, from a sanitary point of view, things are satisfactory. It would appear that a considerable time must elapse before Agriculturists understand the importance of cleanliness in the production and handling of a liquid like milk, prone to act as a medium for the growth of micro-organisms, while it is at the same time one of the most important foods we possess, particularly for infants and invalids.

#### WORKSHOPS.

35.—The tables in the Appendix are similar to those of last year. All the workshops have been visited on more than one occasion, and the Inspector reports that they are kept in a reasonable sanitary condition.

#### VACCINATION.

36.—It is with deep regret that I have to record that fewer children have been successfully vaccinated than in the past. In the period under review, out of 67 children, 47 have been vaccinated ; 5 have died before the age for vaccination, and 10 certificates of conscientious objection have been obtained. The only satisfactory point I can urge as regards the number of conscientious objection certificates obtained, is that the number has not increased compared with the previous year.

37.—Of course it must not be forgotten that in the past the district has maintained a high standard of vaccination, and that therefore a considerable amount of protection against Smallpox is still available, but it is to be feared that when the now nearly due epidemic arrives, the condition of affairs will be altered to some extent, and the immunity which has distinguished the district in the past can hardly be expected.

## GENERAL SANITARY WORK.

38.—The work done during the year has been greater in amount and better in effect than in any year with which I have been connected with the district. There can be no doubt about it that all parts of the district have been well looked after, and the Inspector has carried out his duties with great assiduity and to my entire satisfaction.

## CONCLUSION.

39.—It will be observed that the figures recorded in the Report show that the sanitary condition of the district has been very satisfactory. The death-rate has been fractionally lower than in the past, and the Zymotic death-rate is only higher on account of the somewhat virulent epidemic of Measles. The rate of Infant Mortality is, as I have mentioned, the one particular point which cannot be regarded as satisfactory, especially as there has been so great a reduction in Infant Mortality throughout the country as a whole of late years. I do not think it necessary to call your attention to any particular point waiting to be dealt with. The district, speaking generally, is well equipped as regards sewerage, water supply, and hospital isolation accommodation, while the institution of a system of public scavenging in the two populous parishes of the district, will be of great advantage in preventing those collections of household refuse so often associated with outbreaks of disease, particularly in the case of young children.

40.—I again, Mr. Chairman, have much pleasure in tendering to you and the members of the Council, and my brother officers, my best thanks for the kindness and consideration which I have received throughout the year, as in the past.

I remain,

Yours faithfully,

A. BOSTOCK HILL, M.Sc., M.D., D.P.H., Camb.,

*Medical Officer of Health.*

TABLE I.

Vital Statistics of Whole District during 1909 and previous Years.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	Deaths of Non-residents registered in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1,000 Births registered.	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1899.	2,540	58	22·80	8	138	30	11·81	—	1	4	33	12·90
1900.	2,550	62	24·31	7	112	37	14·50	—	1	1	37	14·50
1901.	2,800	68	24·28	3	44	29	10·35	—	3	1	27	9·64
1902.	2,850	78	27·36	5	64	26	9·12	—	—	4	30	10·55
1903.	2,850	58	20·35	3	51	28	9·82	—	1	5	32	11·22
1904.	2,900	71	24·40	8	112	32	11·00	—	2	5	35	12·06
1905.	2,900	58	20·00	4	68	29	10·00	—	1	3	31	10·68
1906.	2,900	74	25·51	7	93	27	9·31	—	1	2	28	9·65
1907.	2,900	66	22·76	6	91	27	9·31	—	3	—	24	8·28
1908.	3,000	67	22·33	8	119	27	9·00	—	—	2	29	9·66
Averages for years 1899-1908	2,819	66	23·41	6	89	29	10·42	—	1	3	30	10·91
1909.	3,050	62	20·33	9	145	34	11·15	—	6	1	29	9·51

\* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres  
(exclusive of area  
covered by water) } 7,724

Total population at all ages, 2,743

Number of inhabited houses, 548

Average number of persons per house, 5·005

} At Census  
of 1901.

I.	II.	III.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District.
Nil.	Aston Union Workhouse. Joint Infectious Hospital, situate in Perry Barr Urban District.	Aston Union Infirmary. Workhouse.
The Union Workhouse is not within the District.		



TABLE II.

Vital Statistics of separate Localities in 1909 and previous years.

NAMES OF LOCALITIES.	1 CASTLE BROMWICH.				2 WATER ORTON.				3 CURDWORTH.				4 MINWORTH.				5 WISHAW.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1899...	900	18	6	2	670	23	5	2	310	6	5	2	480	9	13	2	180	2	1	—
1900...	910	21	13	6	670	8	6	1	310	11	7	—	480	19	10	—	180	3	1	—
1901...	850	16	10	—	620	14	5	—	459	14	5	3	700	20	5	—	171	4	2	—
1902..	900	17	9	1	620	11	7	2	460	16	5	—	700	24	6	—	170	10	3	—
1903...	900	13	17	1	620	18	5	1	460	12	4	—	700	11	5	1	170	4	1	—
1904...	920	22	12	2	660	18	8	2	450	8	6	—	700	18	7	3	170	5	2	—
1905...	920	20	3	—	660	18	9	1	450	8	8	2	700	9	6	1	170	3	5	—
1906...	920	26	7	3	660	18	7	2	450	9	1	1	700	19	9	—	170	2	4	—
1907...	920	21	6	1	660	23	12	4	450	7	1	—	700	14	3	1	170	1	2	—
1908...	970	21	15	5	710	17	4	1	450	7	4	1	700	18	6	1	170	4	—	—
Averages of years 1899 to 1908	911	19	10	2	655	17	7	2	424	10	5	1	656	16	7	1	172	4	2	—
1909...	1,010	20	10	2	720	18	6	—	450	8	3	—	700	13	12	6	170	3	3	1



TABLE III.

Cases of Infectious Disease notified during the Year 1909.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.						No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.					
	At all Ages	All Ages—Years.					1 Castle Bromwich.	2 Water Orton.	3 Curd- worth.	4 Minworth.	5 Wishaw.		1 Castle Bromwich.	2 Water Orton.	3 Curd- worth.	4 Minworth.	5 Wishaw.	6 Total cases removed to Hospital.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.												
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membranous croup) ...	1	—	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	2	—	—	—	—	2	—	—	1	1	—	—	—	—	—	—	—	—
Scarlet fever ...	3	—	—	3	—	—	1	—	1	—	1	—	1	—	—	—	—	1
Typhus fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric fever ...	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Relapsing fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal fever ...	1	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—
Plague ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals ...	8	—	—	4	—	4	3	1	2	1	1	—	1	—	—	—	—	1

Isolation Hospital—Aston Manor (Joint).

TABLE IV.

## Causes of, and Ages at, Death during Year 1909.

CAUSES OF DEATH.  1	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT.					TOTAL DEATHS WHETHER OF "RESIDENTS" OR "NON- RESIDENTS IN PUBLIC INSTITUTIONS IN THE DISTRICT.
	All ages. 2	Under 1 year. 3	1 and under 5. 4	5 and under 15 5	15 and under 25 6	25 and under 65 7	65 and upwards 8	CASTLE BROM- WICH. 9	WATER ORTON. 10	CURD- WORTH. 11	MIN- WORTH. 12	WIS- HAW. 13	
Smallpox ... ..	—	—	—	—	—	—	—	—	—	—	—	—	NO PUBLIC INSTITUTIONS.
Measles ... ..	6	—	5	1	—	—	—	4	—	—	2	—	
Scarlet fever ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Whooping-cough ...	—	—	—	—	—	—	—	—	—	—	—	—	
Diphtheria (including Membranous croup ..	—	—	—	—	—	—	—	—	—	—	—	—	
Croup ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Fever { Typhus ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	—	—	—	—	
Epidemic influenza ...	1	—	—	—	1	—	—	—	—	—	—	1	
Cholera ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Plague ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Diarrhoea ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Enteritis ... ..	3	3	—	—	—	—	—	1	—	—	2	—	
Gastritis ... ..	1	—	1	—	—	—	—	—	—	1	—	—	
Puerperal fever ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Erysipelas ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Phthisis (Pulmonary Tuberculosis) ...	2	1	—	—	1	—	—	1	—	—	1	—	
Other tuberculous diseases	1	1	—	—	—	—	—	—	—	—	—	1	
Cancer, malignant disease	—	—	—	—	—	—	—	—	—	—	—	—	
Bronchitis .. ..	4	—	—	—	—	2	2	1	1	1	1	—	
Pneumonia ... ..	1	1	—	—	—	—	—	—	—	—	1	—	
Pleurisy ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of Respira- tory organs ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Alcoholism } Cirrhosis of Liver }	—	—	—	—	—	—	—	—	—	—	—	—	
Venereal diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	
Premature birth... ..	1	1	—	—	—	—	—	—	—	—	1	—	
Diseases and accidents of parturition ... ..	—	—	—	—	—	—	—	—	—	—	—	—	
Heart diseases ... ..	3	—	—	—	—	2	1	—	3	—	—	—	
Accidents ... ..	2	—	—	1	—	—	1	—	1	—	1	—	
Suicides ... ..	1	—	—	—	1	—	—	—	—	—	1	—	
All other causes ... ..	8	2	—	1	—	1	4	3	1	1	2	1	
All Causes ... ..	34	9	6	3	3	5	8	10	6	3	12	3	

TABLE V.

# INFANTILE MORTALITY DURING THE YEAR 1909.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes.	Certified ...	2	—	—	—	2	2	—	—	—	1	2	—	1	—	—	1	9
	Uncertified ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Common Infectious Diseases.	Small-pox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Chicken-pox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Measles ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Scarlet Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Diphtheria (including Membranous Croup)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Whooping Cough ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhoeal Diseases.	Diarrhoea, all form	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Enteritis, Muco-enteritis, Gastro-enteritis	1	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	3
	Gastritis, Gastro-intestinal Catarrh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wasting Diseases.	Premature Birth ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	Congenital Defects...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Injury at Birth ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Want of Breast-milk, Starvation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Atrophy, Debility, Marasmus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuber- culous Diseases.	Tuberculous Meningitis	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
	Tuberculous Peritonitis: Tabes Mesenterica ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Other Tuberculous Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
	Erysipelas ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Causes.	Syphilis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rickets ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Meningitis (not Tuberculous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Convulsions...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bronchitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Laryngitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pneumonia ...	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
	Suffocation, overlaying	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Other Causes	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	2
		2	—	1	—	—	2	—	—	—	1	2	—	1	—	—	1	9

Population, Estimated to middle of 1909, 3,050.

Births in the Year—Legitimate, 61 ; Illegitimate, 1.

Deaths in the Year of—Legitimate Infants, 9 ; Illegitimate, 0.

Deaths from all Causes at all Ages, 29.

TABLE VI.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the year 1909, in the Rural Sanitary District of Castle Bromwich.

							Inspections and Observations made.	Formal Notices by Authority.	Nuisances abated after Notice.
Dwelling Houses and Schools.	{	Foul Conditions	...	...	...	...	10	—	10
		Structural Defects	...	...	...	...	17	—	15
		Overcrowding	...	...	...	...	—	—	—
		Unfit for Habitation (pulled down)...	...	...	...	...	—	—	—
		Lodging Houses	..	...	...	...	—	—	—
		Dairies and Milkshops	...	...	...	...	4	—	—
		Cow Sheds	...	...	...	...	72	—	30
		Bakehouses	...	...	...	...	4	—	—
		Slaughter-Houses	...	...	...	...	15	—	6
		Canal Boats	...	...	...	...	2	—	—
		Ashpits and Privies	...	...	...	...	79	—	61
		Deposits of Refuse and Manure	...	...	...	...	144	—	122
		Water Closets	...	...	...	...	22	—	14
House Drainage	{	Defective Traps	...	...	...	...	10	—	6
		No Disconnection	...	...	...	...	15	—	12
		Other Faults	...	...	...	...	80	—	57
		Water Supply	...	...	...	...	23	—	16
		Pigsties	...	...	...	...	68	—	58
		Animals improperly kept	...	...	...	...	27	—	27
		Offensive Trades	...	...	...	...	—	—	—
		Smoke Nuisances	...	...	...	...	—	—	—
		Other Nuisances and Inspections	...	...	...	...	381	—	196
TOTALS							973	None	630
House-to-House Visits, 380									
							No.		
Seizures of Unwholesome Food							—		
Samples of Food taken for Analysis							—		
" " found Adulterated							—		
" of Water taken for Analysis							9		
" " condemned as unfit for use							5		
PRECAUTIONS AGAINST INFECTIOUS DISEASES									
Lots of Infected Bedding, Stoved or Destroyed							8		
Houses Disinfected after Infectious Disease							8		
Schools " " " " "							2		
Prosecutions for not Notifying Existence of Infectious Disease							—		
Convictions " " " " "							—		
Prosecutions for Exposure of Infected Persons or Things							—		
Convictions " " " " "							—		

(Signed)

**T. H. NEGUS,**

ASSOCIATE ROYAL SANITARY INSTITUTE,

Inspector of Nuisances.



TABLE VII.

**RESULTS OF WATER ANALYSIS.**

**Expressed in parts per 100,000.**

No. of Water.	LOCALITY.	Date, 1909.	Free Ammonia.	Organic Ammonia.	Chlorine.	Nitrogen as Nitrates.	Oxygen absorbed in Four Hours.	Total Solid Matter.
1	Tap Water ... (Mr. Thornton's Farm, Curdworth)	June 15th	0.002	0.010	2.1	Trace.	0.072	28
2	Well Water ... (Haye House, Castle Bromwich)	" 30th	0.001	0.018	4.9	4.73	—	92
3	Tap Water ... (Park Lane Cottage, Minworth)	Aug. 17th	0.010	0.006	1.0	0	0.089	14
4	Well Water ... (Hodgehill Cottages)	" 24th	Trace.	0.012	5.3	3.85	—	78
5	Well Water ... (Sycamore House, Hodgehill)	"	Trace.	0.018	4.7	3.3	—	86
6	Well Water ... (Cox's Cottage, New Street, Castle Bromwich)	"	0.003	0.020	5.35	5.39	—	140
7	Well Water ... (Rhodes' Cottage, Seven- Acre Green, Castle Bromwich)	Sept. 21st	0.012	0.040	4.2	2.86	—	82
8	Tap Water ... (The Farthings, Castle Bromwich)	" 24th	0.002	0.008	0.9	Trace.	0.076	10
9	Tap Water ... (Fairlea, Water Orton)	Dec. 4th	Trace.	0.008	0.09	0	0.180	10

TABLE VIII.

Vaccination Return, Period July 1st, 1908, to June 30th, 1909.

VACCINATION DISTRICTS.				Number of births registered during the year ended 30th June, 1909.	Number of these Cases successfully Vaccinated.	Insusceptible of Vaccination	Died Before Vaccination.	Cases under Postponement.	Removals to other Districts out of the Union.	Number of Cases Not to be Found.	Number of Cases remaining Unvaccinated at Date of this Return.	Number of Conscientious Objection Certificates.
Castle Bromwich	...	...	...	20	16	0	2	0	0	0	1	1
Water Orton	...	...	...	21	12	1	0	1	0	1	0	6
Minworth	...	...	...	16	14	0	2	0	0	0	0	0
Curdworth	...	...	...	6	4	0	0	0	0	1	0	1
Wishaw	...	...	...	4	1	0	1	0	0	0	0	2
Totals	...	...	...	67	47	1	5	1	0	2	1	10

ERNEST HATELEY, VACCINATION OFFICER.

January 4th, 1910.

Annual Report of the Medical Officer of Health for the year 1909,  
for the Rural District of Castle Bromwich

On the Administration of the Factory and Workshop Act, 1901, in connection with  
**FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORK.**

**1.—INSPECTION.**

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

PREMISES.  (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (including Factory Laundries) ... ..	6	—	—
Workshops (including Workshop Laundries)... ..	24	—	—
Workplaces (other than Outworkers' premises included in Part 3 of this Report)... ..	—	—	—
Total ... ..	30	—	—

**2.—DEFECTS FOUND.**

PARTICULARS.  (1)	Number of Defects.			Number of Prosecutions.  (5)
	Found. (2)	Remedied. (3)	Referred to H. M. Inspector. (4)	
<i>Nuisances under the Public Health Acts—</i>				
Want of Cleanliness ... ..	2	2	—	—
Want of Ventilation ... ..	—	—	—	—
Overcrowding ... ..	—	—	—	—
Want of Drainage of Floors... ..	—	—	—	—
Other Nuisances ... ..	5	4	—	—
Sanitary Accommodation { Insufficient ... ..	—	—	—	—
{ Unsuitable or Defective ... ..	—	—	—	—
{ Not Separate for Sexes ... ..	—	—	—	—
<i>Offences under the Factory and Workshop Act—</i>				
Illegal occupation of Underground Bakehouse (S.101)	—	—	—	—
Breach of Special Sanitary Requirements for Bake- Houses (SS. 97 to 100) ... ..	—	—	—	—
Other Offences (excluding Offences relating to Out- work which are included in Part 3 of this Report)	—	—	—	—
Total ... ..	7	6	—	—

**4.—REGISTERED WORKSHOPS.**

Workshops on the Register (S. 131) at the end of the year. (1)								Number. (2)
Important classes of workshops, such as work- shop bakehouses may be enumer- ated here.	{	Bakehouses' ... ..	...	...	...	...	...	4
		Carpenters' ... ..	...	...	...	...	...	2
		Smiths' ... ..	...	...	...	...	...	2
		Bootmakers' ... ..	...	...	...	...	...	1
		Total number of Workshops on Register ... ..	...	...	...	...	...	9

